

XLI.—*Descriptions of new Genera and Species of Syntomidæ, Arctiadæ, Agaristidæ, and Noctuidæ.* By Sir GEORGE F. HAMPSON, Bart., F.Z.S.

THE following paper forms a fifth supplement to the first six volumes of the 'Catalogue of Lepidoptera Phalænæ in the British Museum,' the former papers having appeared in the Ann. & Mag. Nat. Hist. ser. 7, vol. viii. pp. 165-186 (1901), vol. xi. pp. 337-351 (1903), vol. xv. pp. 425-453 (1905), and vol. xix. pp. 221-257 (1907).

The numbers before the species indicate their position in the classification adopted in those volumes. The types are in the British Museum.

Syntomidæ.

232 a. *Hyalæthea bivitreata*, sp. n.

♂. Head, thorax, and abdomen brown; palpi (except at tips), frons, shoulders, pectus, legs, and ventral surface of abdomen orange. Fore wing brown, with a purplish tinge; a wedge-shaped hyaline patch in cell and elongate triangular patch below the cell from near base to near tornus. Hind wing brown, the base yellow, the lobe on inner margin yellow.

*Hab.* TENIMBER, Larat, 2 ♂ type. *Exp.* 22 mm.

287 b. *Metarctia phæoptera*, sp. n.

♀. Head and thorax fuscous brown; antennæ with some pink hair on basal joint in front; prothorax with a slight pink spot; pectus with lateral pinkish streaks; coxæ and femora with some pinkish hair; abdomen dark brown, with pinkish segmental rings. Fore wing uniform fuscous brown, the cilia greyish at tips. Hind wing fuscous brown, the disk somewhat semihyaline; cilia greyish at tips.

*Hab.* UPPER CONGO (*Wollaston*), 1 ♀ type. *Exp.* 34 mm.

287 c. *Metarctia pumila*, sp. n.

♂. Head and thorax dark reddish brown; abdomen yellowish suffused with red-brown. Fore wing uniform red-brown with a greyish tinge. Hind wing white suffused with ochreous.

♀. Head and thorax fuscous brown; sides of pectus and coxæ with some yellow; abdomen yellowish suffused with fuscous brown forming obscure bands, the ventral surface

fuscous brown with paired series of yellowish spots. Fore wing uniform fuscous brown. Hind wing fuscous brown with the interspaces of disk semihyaline.

*Hab.* UGANDA, White Nile, Gondokoro (*Reynes-Cole*), 2 ♂, 2 ♀ type. *Exp.*, ♂ 32, ♀ 36 mm.

#### Genus LASIOSCELES, nov.

Type, *L. erythrozonata*.

Proboscis fully developed; palpi upturned, the second joint reaching about to vertex of head and clothed with long hair, the third moderate; antennæ of male with very short branches dilated at extremity from near base to three-fourths, the apex serrate; thorax clothed with rough woolly hair; abdomen with rough hair at base. Fore wing with vein 3 from before angle of cell; 5 from just above angle; 6 from upper angle; 7, 8, 9, 10 stalked; 11 from cell. Hind wing with veins 2, 3, 4 strongly stalked; 5 obsolescent from middle of discocellulars; 6, 7 stalked; the area from apex to below middle of cell and submedian fold on upperside clothed with brownish-ochreous androconia.

#### 385 a. *Lasiosceles erythrozonata*, sp. n.

♂. Head and thorax black-brown with a slight bluish gloss; pectus in front and tufts of hair on the femora crimson; abdomen black, with crimson dorsal and lateral bands. Fore wing black, the terminal area brownish; two elongate hyaline spots in end of cell and two shorter spots below end of cell; four spots beyond the cell between veins 7 and 3, the upper spots elongate, the lowest wedge-shaped. Hind wing black-brown, with two elongate hyaline spots beyond the cell above and below vein 5, the area beyond them and below them to submedian fold brownish ochreous.

*Hab.* PANAMA, Chiriqui, 1 ♂ type. *Exp.* 48 mm.

#### 402 a. *Phanicoprocta flavipicta*, sp. n.

♂. Head and tegulæ black-brown, with patches of metallic blue, the tegulæ with yellow patches; palpi greyish in front; antennæ white at tips; patagia yellow; thorax brown; pectus at sides with patches of yellow and metallic blue, the fore coxæ white, the mid and hind coxæ yellow; abdomen brown, with patches of metallic blue, the first segment with paired dorsal yellow stripes, the other segment with yellow dorsal bands, the anal tuft orange, the ventral valve yellow edged with white. Fore wing hyaline, the veins

and margins black; a black discoidal bar, the terminal band expanding towards apex. Hind wing hyaline, the veins, costal area, and a terminal band black.

*Hab.* BR. GUIANA (Rodway), 1 ♂ type. *Exp.* 32 mm.

561 a. *Dixophlebia holophæa*, sp. n.

♂. Head, thorax, and abdomen black-brown with a faint bluish gloss; sides of frons grey; ventral surface of abdomen greyish. Fore wing black-brown, with a hyaline streak in the cell, a triangular fascia below the cell, and fascia above basal half of vein 2. Hind wing black-brown, with hyaline streak in and beyond lower end of cell to near termen.

*Hab.* BR. GUIANA (Rodway), 1 ♂ type. *Exp.* 26 mm.

592 a. *Rhynchopyga steniptera*, sp. n.

♀. Head, thorax, and abdomen black-brown. Fore wing very narrow and elongate, uniform black-brown. Hind wing slightly paler.

*Hab.* BR. GUIANA (Rodway), 1 ♀ type. *Exp.* 24 mm.

647 c. *Dycladia xanthobasis*, sp. n.

♀. Head and thorax black-brown; palpi orange at base; back of head and shoulders with orange stripes; abdomen black-brown, suffused with metallic blue on terminal segments, lateral orange fasciæ with serrate upper edge. Fore wing black-brown, the base orange; a wedge-shaped hyaline patch in basal half of cell and elongate patch below the cell; a hyaline band beyond the cell between veins 7 and 3, where it extends to near termen, leaving a round black-brown discoidal patch. Hind wing hyaline, the base orange, the veins, a discoidal spot, an apical patch, and the inner area (except at base) black-brown.

*Hab.* BR. GUIANA (Rodway), 1 ♀ type. *Exp.* 26 mm.

737 a. *Calonotos triplaga*.

*Calonotos tripunctata*, Hmps. Cat. Lep. Phal. B. M. i. p. 335, nec Druce.

♂. Black; frons with pair of white patches; tegulæ with two small dorsal white spots; prothorax with two metallic-green patches, metathorax with one patch; sides of pectus, coxæ, and extremities of femora with white spots; abdomen with paired subdorsal and lateral small white spots, the other segments with broad dorsal and lateral golden-green stripes,

the ventral surface with white stripe. Fore wing with white point at base of costa; a metallic-green streak below basal half of costa and wedge-shaped patch below base of cell; an elliptical medial semihyaline spot below the cell and round patch beyond its extremity; a slight green mark below extremity of cell. Hind wing with elliptical semihyaline white spot beyond the cell; the underside with metallic-green streak below costa to beyond middle and patch in cell.

*Hab.* BRAZIL, Amazons, Manaos (*Scholtz*), 1 ♂ type. *Exp.* 38 mm.

800 c. *Hypocladia parcupuncta*, sp. n.

♂. Head, thorax, and abdomen black-brown; palpi with slight white marks at base; shoulders with crimson patches; coxæ white; abdomen with pair of dorsal crimson spots at base and ventral white patches (except on terminal segments). Fore wing black-brown, with semihyaline streaks in and below middle of cell and postmedial streaks between veins 7 and 2. Hind wing black-brown, with hyaline streaks in and below cell and in the interspaces beyond it; the inner margin with some white hair.

*Hab.* BR. GUIANA (*Rodway*), 1 ♀ type. *Exp.* 30 mm.

835 a. *Chrysostola atridorsata*, sp. n.

♂. Head, thorax, and abdomen orange-yellow; antennæ black, with some white on shaft towards tips; vertex of head with black spot; patagia and dorsum of thorax with black stripes; pectus with lateral black spots; abdomen with dorsal black stripe, the two terminal segments with black bands, subdorsal short black stripes at base and middle and sublateral black spots at base. Fore wing hyaline, the veins and margins black; the base orange, an orange streak on inner margin to beyond middle; a black discoidal spot conjoined to the costal fascia; the terminal band expanding into a patch at apex. Hind wing hyaline, the veins and margins black; the inner area and an apical patch black.

*Hab.* BR. GUIANA (*Rodway*), 1 ♂ type. *Exp.* 26 mm.

890 a. *Methysia melanota*, sp. n.

♂. Head, thorax, and abdomen black with a faint bluish gloss; palpi white in front; tegulæ white at base; coxæ and stripes on inner side of femora white; abdomen with white ventral fascia. Fore wing hyaline, the veins and margins black, the inner area black to submedian fold; a black

streak in discal fold from middle of cell to termen, the terminal area with black streaks above veins 6 and 4. Hind wing white, the margins and inner area black.

*Hab.* BR. GUIANA (*Rodway*), 1 ♂ type. *Exp.* 26 mm.

#### Genus GONOTREPIES, nov.

Type, *Thyractia friga*, Druce.

Proboscis aborted, minute; palpi obliquely upturned, the second joint reaching about to middle of frons and moderately fringed with hair, the third short; frons smooth; antennæ of male bipectinate with moderate branches to apex; tegulæ dorsally produced to form a hood; tibiæ fringed with long hair; abdomen clothed with rough hair on dorsum, the anal segment with long lateral tufts of hair. Fore wing with the apex rather produced and acute, the termen angled at vein 5, then obliquely curved; vein 3 from well before angle of cell; 5 from well above angle; 6 from upper angle; 7, 8, 9, 10 stalked; 11 from cell. Hind wing with vein 4 absent; 5 from well above angle of cell; 6, 7 coincident.

#### 1073 c. *Eucereon metaloba*, sp. n.

Hind wing of male with the tornal area strongly lobed, but without fold and fringe of scales, the basal half of costa slightly lobed.

♂. Head and thorax fuscous brown mixed with grey; neck with yellow ring; palpi white at base; fore coxæ, the femora and bands at extremity of fore tibiæ, and the first joints of tarsi whitish; abdomen fuscous brown with yellow lateral spots at extremity, the ventral surface white. Fore wing grey-white, the veins, discal and submedian folds with brown streaks; an indistinct somewhat dentate antemedial line; a black medial line, oblique to submedian fold, then angled inwards; a small black annulus in middle of cell; a diffused brown discoidal patch extending to costa with a pale curved line on the discocellulars; a slight postmedial white streak on costa; postmedial line blackish, rather diffused and dentate to vein 5, then double and minutely crenulate, bent inwards below vein 3; some irregular dark subterminal marks from apex to vein 3 and above tornus. Hind wing semihyaline greyish suffused with fuscous, the costal area whitish except at apex; the underside grey, with dark discoidal bar, the termen suffused with brown from apex to submedian fold.

*Hab.* PERU, La Oroya (*Ockenden*), 1 ♂ type. *Exp.* 30 mm.

1110 a. *Eucereon perstriata*, sp. n.

♂. Head and thorax greyish mixed with dark brown; back of head with two yellow spots; gule yellow; patagia with dark streaks near edges; vertex of thorax with fine dark streak; abdomen dark brown with paired subdorsal and sublateral yellow patches on two terminal segments, the three basal segments with paired ventral whitish spots. Fore wing ochreous whitish, the veins and interspaces streaked with dark brown; an incurved antemedial brown line from cell to vein 1; the medial part of costa dark brown; a dark brown patch in middle of cell; reniform represented by an oblique striga above and small spot below on inner side and faint brown line on outer; postmedial line double, strongly excurved from costa to vein 4, then strongly incurved, crossed by a rather sinuous dark streak on vein 2 extending to the subterminal pale line, which arises as a pale streak from termen below apex, excurved to near termen at vein 2 and forming two pale streaks in submedian interspace; apical area dark brown. Hind wing semihyaline whitish, the apex and veins of terminal area tinged with brown; a fine brown terminal line.

*Hab.* S.E. PERU, S. Domingo (*Ockenden*), 1 ♂ type. *Exp.* 44 mm.

## Arctiadae.

## NOLINÆ.

10 a. *Celama mesotherma*, sp. n.

Head, thorax, and abdomen white tinged with rufous; palpi with the scales fringing the joints tipped with black; tibiae and the tarsi ringed with blackish. Fore wing white irrorated with rufous and some fuscous; a subbasal black point on costa; antemedial line brown defined on inner side by white, angled outwards below costa, then oblique; medial area suffused with rufous, the tufts of scales at middle and upper angle of cell dark with oblique elliptical brownish stigmata above them from costa; postmedial line blackish and somewhat punctiform, defined on outer side by white, slightly bent outwards below costa, oblique to vein 4, then incurved and again excurved above inner margin; subterminal line white, defined on inner side by blackish scales with rufous suffusion before them, angled outwards at vein 7, excurved at middle and ending at tornus; a punctiform dark terminal line; cilia white mixed with some rufous and

fuscous. Hind wing white, tinged with ochreous brown, especially towards termen; cilia white faintly tinged with brown; the underside white, the costal area irrorated with brown.

*Hab.* CEYLON, Rambakkhana (*Alston*), 1 ♂, Colombo (*Mackwood*), 1 ♀ type; BORNEO, Sarawak (*Meade-Waldo*), 1 ♀, Sandakan (*Pryer*), 1 ♀. *Exp.* 14 mm.

10 b. *Celama rufimixta*, sp. n.

Head and thorax white; palpi rufous; antennæ tinged with rufous; thorax with some rufous behind tegulæ; tarsi rufous ringed with white; abdomen white tinged with rufous. Fore wing white, with some blackish irroration on basal area and before postmedial line; antemedial, medial, and postmedial rufous patches on costa; the terminal area suffused with rufous except at apex; antemedial line white, defined on inner side by rufous and on outer side by black from cell to inner margin, excurved in submedian interspace; large tufts of rufous and white scales in middle and at end of cell; an indistinct oblique waved line from lower angle of cell to inner margin; postmedial line white defined on inner side by brown, slightly bent outwards below costa and incurved below vein 4; subterminal line white slightly defined on inner side by black scales, excurved below costa, at middle, and above inner margin. Hind wing white, the terminal area tinged with brown; the underside with the costal area irrorated with brown, a dark discoidal striga.

*Hab.* CEYLON, Yatiyantota (*Green*), 1 ♂ type, Matale (*Pole*), 1 ♀, Wattedagama (*Mackwood*), 1 ♀. *Exp.* 18 mm.

15 a. *Celama dentilinea*, sp. n.

♀. Head, thorax, and abdomen white tinged with ochreous brown; fore tibiæ and the tarsi fuscous brown ringed with white. Fore wing white tinged with ochreous brown and slightly irrorated with fuscous; antemedial line blackish, defined on inner side by white, curved, angled outwards in submedian fold; the tufts of scales at middle and upper angle of cell dark, with oblique elliptical brownish stigmata above them from costa; a waved dark line from lower angle of cell to inner margin; postmedial line blackish, punctiform, oblique from costa to vein 6, then inwardly oblique; terminal area suffused with ochreous brown, the subterminal line white, strongly and evenly dentate; a brown terminal line; cilia white tinged with ochreous brown. Hind wing white, the costal area slightly tinged with ochreous brown.

*Hab.* CEYLON (*Alston*), 1 ♀ type. *Exp.* 18 mm.

51 a. *Celama phaeocraspis*, sp. n.

♂. Head and thorax white mixed with some fuscous; palpi at sides and antennae (except basal joint) blackish; legs blackish, the tarsi ringed with white; abdomen pale ochreous. Fore wing grey-white irrorated with fuscous, the terminal area suffused with fuscous; a blackish subbasal bar from costa to median nervure; antemedial line black, expanding into a small spot at costa, strongly excurved from below costa to vein 1, where it is angled inwards, a blackish patch beyond it in cell; a black point at upper angle of cell; postmedial line black, strongly bent outwards and obsolescent below costa, then somewhat punctiform, very slightly incurved at vein 6 and strongly below vein 4, some black points beyond it on costa; subterminal line indistinct, dark, oblique from costa to vein 7, where it is angled outwards, excurved at middle and slightly angled inwards at discal and submedian folds, the area beyond it suffused with fuscous except at costa; cilia whitish, with a series of small fuscous spots. Hind wing white, faintly tinged with brownish ochreous.

♀. Fore wing with the terminal area much less suffused with fuscous, the subterminal line maculate, a terminal series of small blackish spots.

*Hab.* S. NIGERIA, Olokemeji (*Dudgeon*), 1 ♂ type; BR. F. AFRICA, Ndimu (*Betton*), 1 ♀. *Exp.*, ♂ 16, ♀ 20 mm.

61 b. *Nola mesoscota*, sp. n.

♀. Head and thorax whitish mixed with rufous and fuscous; tarsi fuscous slightly ringed with white; abdomen grey tinged with rufous and mixed with fuscous. Fore wing rufous mixed with some grey and irrorated with fuscous, the medial area before postmedial line and the terminal area suffused with fuscous; a somewhat diffused blackish antemedial line, angled outwards below costa, then inwardly oblique; slight tufts of dark scales in middle of cell and on discocellulars; postmedial line blackish, angled outwards below costa and slightly at vein 4, then incurved, some grey and fuscous marks beyond it on costa; subterminal line whitish, defined on inner side by blackish suffusion, angled outwards below apex, then oblique and ending at tornus; cilia with a whitish line at base. Hind wing whitish tinged with fuscous brown, the cilia with a whitish line at base; the underside whitish thickly irrorated with brown, a blackish discoidal bar.

*Hab.* TRANSVAAL, White R. (Cooke), 2 ♀ type. *Exp.* 24 mm.

75 b. *Nola achromia*, sp. n.

♂. Head and thorax white slightly tinged with yellowish; abdomen white. Fore wing white faintly tinged with rufous and irrorated with a few black scales; traces of a postmedial rufous line from vein 6 to middle of inner margin, with series of blackish points on it, very oblique below vein 5; traces of a rufous subterminal line, excurved below vein 7 and at middle; a terminal series of minute black points. Hind wing pure white; the underside with slight discoidal lunule.

*Hab.* QUEENSLAND, Kuranda (Dodd), 1 ♂ type. *Exp.* 16 mm.

LITHOSIANÆ.

Genus HYPOSHADA, nov.

Type, *Scoliacma pelopis*, Beth.-Baker.

Proboscis fully developed; palpi porrect, not reaching beyond the frons, which is rounded; antennæ of male with long cilia; hind tibiæ with two pairs of spurs. Fore wing long and narrow, the termen obliquely curved; the subcostal and median nervures closely approximated to middle; vein 2 oblique, joined at middle by a spur curving upwards from vein 1 b; 3, 4, 5 from angle of cell; 6, 7 stalked from 9; 10 from angle; 11 from cell, free; a fringe of hair from basal half of costa on underside; the base of inner margin fringed with hair. Hind wing very ample; the cell very long; vein 2 from well before middle, becoming coincident with 4; 3 from well before angle of cell, becoming coincident with 4; 4, 5 from angle, the former very oblique; a recurrent vein in cell; 6, 7 on a long stalk, rather distorted; 8 free, curving upwards to costa near base.

Genus STENILEMA, nov.

Type, *S. aurantiaca*.

Proboscis fully developed; palpi porrect, hardly extending beyond the frons, which is smooth; antennæ of male minutely serrate, with fasciculate cilia; tibiæ with the spurs short. Fore wing narrow, the apex rounded, the termen obliquely curved; vein 2 from towards end of cell, oblique; 3, 4 coincident; 5 absent; 6 from upper angle; 7, 8, 9

stalked, 7 from before 9; 10 from cell; 11 anastomosing with 12. Hind wing with veins 3, 4 coincident; 5 absent; 6, 7 stalked; 8 from middle of cell.

229 a. *Stenilema aurantiaca*, sp. n.

♂. Head and base of tegulae orange; antennae brown; tips of tegulae and thorax fuscous tinged with leaden grey; pectus, legs, and abdomen deep orange. Fore wing leaden grey, a costal fascia, a fascia on base of inner margin, and the cilia deep orange. Hind wing deep orange.

*Hab.* ABYSSINIA (Drake-Brockman), 1 ♂ type. *Exp.* 34 mm.

229 c. *Phryganopsis hemiphæa*, sp. n.

Antennae of male serrate and fasciculate; fore wing with vein 6 stalked with 7, 8, 9.

♂. Head and thorax orange; antennae brown except at base; tibiae and tarsi brown; abdomen orange dorsally, tinged with brown except at extremity. Fore wing with the costal half yellow, extending to inner margin near base and narrowing to a point at apex, the costa orange, the inner half grey-brown; an erect fuscous band just beyond middle. Hind wing pale yellow, the termen grey-brown towards apex.

*Hab.* UGANDA, White Nile, Gondokoro (Reynes-Cole), 1 ♂ type. *Exp.* 30 mm.

296 a. *Ilema rubrescens*, sp. n.

♀. Head and thorax pale red-brown with a yellowish tinge; abdomen grey, tinged with rufous. Fore wing pale red-brown with a yellowish tinge; an indistinct fuscous postmedial line, oblique from costa to vein 4, then inwardly oblique. Hind wing whitish faintly tinged with red-brown.

*Hab.* FORMOSA, Kagi Distr., 1 ♀ type. *Exp.* 40 mm.

415 a. *Agylla brunneostriata*, sp. n.

♂. Head and thorax ochreous suffused with reddish brown; abdomen ochreous white. Fore wing ochreous white, the inner half suffused and irrorated with red-brown, forming ill-defined streaks in the interspaces between veins 5 and 2; a brown streak below basal half of costa and two short streaks in end of cell; slight brown streaks in the interspaces below costa towards apex and slight brown marks in the terminal interspaces towards apex. Hind wing white slightly tinged with brown, the terminal area more strongly

tinged; the underside with the costal half suffused with brown.

*Hab.* S.E. PERU, Limbani (*Ockenden*), 2 ♂ type. *Exp.* 44 mm.

425 a. *Agylla sanguivitta*, sp. n.

Head and thorax fuscous, palpi blood-red, fuscous at tips; frons, antennæ, and patches on tegulæ and patagia blood-red; pectus whitish; head with slight white line behind; metathorax edged with white behind; legs fulvous, the fore tibiæ and tarsi with fuscous streak in front; abdomen ochreous, dorsally tinged with grey. Fore wing silvery white; a narrow orange-red fascia on costa; the inner area purplish fuscous except at base, with blood-red fascia above submedian fold from near base to beyond middle. Hind wing semihyaline white; the underside with ochreous fascia on costa.

*Hab.* S.E. PERU, Limbani (*Ockenden*), 1 ♂, 1 ♀ type, Aquilane (*Ockenden*), 2 ♂. *Exp.*, ♂ 42, ♀ 46 mm.

453 b. *Metareva endoscota*, sp. n.

♀. Head and thorax white tinged with fuscous; abdomen white. Fore wing silvery white, the inner area tinged with fuscous below submedian fold. Hind wing pure white.

*Hab.* S.E. PERU, La Oroya (*Ockenden*), 1 ♀ type. *Exp.* 34 mm.

455 a. *Pasteosia orientalis*, sp. n.

Fore wing with veins 7, 8, 9 stalked, 7 from beyond 9; 10 from cell.

♀. Head and thorax pale ochreous, the palpi blackish at base; abdomen grey-white, the ventral surface ochreous. Fore wing ochreous irrorated with fuscous brown; a minute black streak in middle of cell and two discoidal points; a curved diffused brownish postmedial line; slight subterminal dark marks below vein 3 and in submedian interspace; a punctiform brown terminal line; cilia whitish. Hind wing grey tinged with fuscous brown; the cilia whitish.

*Hab.* SINGAPORE (*Ridley*), 1 ♀ type. *Exp.* 22 mm.

528 b. *Anaphosia aurantiaca*, sp. n.

♂. Head, thorax, and abdomen orange; tibiæ streaked with black; tarsi black and orange. Fore wing yellowish white, the inner and terminal areas more or less strongly

suffused with orange; costa black; an oblique sinuous black medial line, incurved from median nervure to vein 1; an oblique sinuous black postmedial line, excurved below costa and joined at vein 5 by a curved black line from costa before apex; an oblique black streak from just beyond postmedial line below vein 4 to termen; a black terminal line; cilia orange. Hind wing orange. Underside of fore wing with black suffusion in and below cell to medial line and beyond middle of postmedial line.

*Hab.* TRANSVAAL (*C. H. Peard*), 2 ♂ type. *Exp.* 44 mm.

543 a. *Manoba atripuncta*, sp. n.

♂. Head and thorax pale grey tinged with brown; palpi black except at base; abdomen grey, dorsally suffused with fuscous brown. Fore wing grey tinged with brown; the costal edge black towards base; subbasal black points below costa and cell with a black point beyond them in the cell; a diffused fuscous bar from middle of costa and a slight nearly erect line from cell to inner margin; postmedial black points above and below vein 6; a fuscous spot on costa before apex and a curved subterminal series of black points; a terminal series of black points. Hind wing grey suffused with fuscous brown.

*Hab.* S. NIGERIA, Old Calabar (*Sampson*), 1 ♂ type. *Exp.* 14 mm.

634 a. *Chionæma formosana*, sp. n.

♀. Head, thorax, and abdomen white; palpi red-brown at sides; tegulae with scarlet tips; inner side of fore tibiae and the tarsi red-brown. Fore wing white; the costa scarlet towards base; subbasal line scarlet, angled outwards in cell and ending at vein 1; antemedial line scarlet, excurved below costa and angled inwards below the cell; a small black spot in end of cell and two obliquely placed on discocellulars; postmedial line scarlet, broad, strongly excurved between discal and submedian folds; a terminal scarlet band with slightly waved inner edge, expanding at apex and angled inwards in submedian fold. Hind wing pale crimson, the costal area to beyond middle and the cilia white.

*Hab.* FORMOSA, Kagi Distr., 1 ♀ type. *Exp.* 44 mm.

694 a. *Chionæma asticta*, sp. n.

Fore wing of male with vein 5 from middle of cell, 6 from upper angle, 7 and 9 stalked, 8 absent, the lobe represented

by a slight distortion, and veins 10, 11 almost obsolete; of female with vein 5 from lower angle of cell, 6 stalked with 7 and 9; 10, 11 from cell.

White; palpi blackish; antennæ tinged with fuscous except at base; tegulæ edged with orange in male; fore legs tinged with fuscous in front. Fore wing with the costal edge orange to beyond middle; the underside with the costa suffused with orange.

*Hab.* QUEENSLAND, Kuranda (*Dodd*), 1 ♂, 1 ♀ type. *Exp.* 22 mm.

694b. *Chionæma phæocraspis*, sp. n.

♂. Pure white; palpi fuscous; fore and mid legs tinged with brown. Fore wing with the costal edge brown to beyond middle; the underside with the costal area tinged with yellow.

*Hab.* LOUISIADES, St. Aignan (*Meek*), 1 ♂ type. *Exp.* 20 mm.

802a. *Seripha plumbeola*, sp. n.

♂. Uniform fuscous brown with a purplish-grey gloss.

*Hab.* CUBA, Baracoa (*Schaus*), 1 ♂ type; ECUADOR, Chimborazo, 1 ♂. *Exp.* 16 mm.

805a. *Lycomorphodes flavipars*, sp. n.

♂. Head and thorax orange-yellow, with fuscous-brown stripes on dorsum and shoulders; palpi, lower part of frons, and antennæ brown; fore legs brown, with some yellowish on femora and first joint of tarsi; mid and hind legs yellow banded with brown; abdomen crimson, the extremity and ventral surface yellow, some fuscous at tip of anal tuft and before the anal tuft on ventral surface. Fore wing fuscous brown; the inner margin orange-yellow, expanding into a patch at base; a broad postmedial orange-yellow band, its inner edge excurved, its outer angled outwards at middle and to tornus. Hind wing deep crimson, with terminal fuscous band, rather broad at apex and narrowing to a point at submedian fold.

*Hab.* W. COLOMBIA, Jiminez, 1 ♂ type. *Exp.* 20 mm.

830a. *Siccia atriguttata*, sp. n.

Head and thorax white; palpi black; frons black at sides; prothorax with black spots; fore legs fuscous; abdomen brownish white. Fore wing white; subbasal black spots

below costa and cell; antemedial black spots on costa, in and below cell, on vein 1, and on inner margin further from base; round black spots in middle of cell and on discocellulars; a black spot on middle of costa, with slight oblique line from it to discoidal spot, then incurved below the cell and with two black spots in submedian interspace; post-medial line black, maculate, bent outwards below costa, angled outwards at vein 6, incurved at discal fold and ex-curved at median nervules, then strongly incurved; a black lunule on costa before apex; the termen with small black spots at apex, middle, and below vein 2. Hind wing white; a slight discoidal point; the underside with the costal area slightly tinged with brown.

*Hab.* ANGOLA, Bihé, 1 ♂, 1 ♀ type. *Exp.*, ♂ 24, ♀ 26 mm.

990 a. *Asura fulvmarginata*, sp. n.

♀. Head, tegulae, and patagia orange-yellow, the vertex of head with slight dark streak; thorax and abdomen pale brown; antennae brown; hind tibiae and tarsi yellowish. Fore wing pale red-brown, the costal and inner margin reddish yellow. Hind wing pale semihyaline red-brown.

*Hab.* MADRAS, Horsleykonda (Campbell), 1 ♀ type. *Exp.* 26 mm.

ARCTIANÆ.

1259 b. *Automolis rhodocyma*, sp. n.

♂. Head, thorax, and abdomen yellow, the palpi scarlet behind, the antennae brownish, the thorax tinged with rufous and the abdomen with scarlet; pectus, legs, and ventral surface of abdomen white. Fore wing yellow, the costal area and base except at inner margin rufous, the veins streaked with scarlet; a subbasal white point defined by brown above vein 1, and a brownish antemedial spot on sub-costal nervure; antemedial line scarlet, strongly dentate, more strongly angled outwards above median nervure and inwards on vein 1, a brown point on it on subcostal nervure; an irregular rufous discoidal patch with yellowish point on it, slightly defined by scarlet except above where it is con-joined to the rufous costal area; postmedial line double, scarlet filled in with yellow, highly waved, obsolete on costal area, excurved to vein 4, then strongly incurved, a curved patch of rufous and dark brown beyond it from vein 3 to tornus where it expands to termen; an irregular rufous

band beyond it from the costal area to vein 3, emitting streaks to termen on veins 5, 4, 3; a fine rufous terminal line; cilia chequered yellow and rufous, the tips dark at the rufous patches. Hind wing pale yellow, the inner half suffused with scarlet, the termen tinged with scarlet. Under-side pale yellow, the costa of fore wing and some irregular subterminal marks rufous.

*Hab.* PERU, Huacamayo (*Ockenden*), 2 ♂ type. *Exp.* 40 mm.

1400 a. *Ischnocampa hemihyala*, sp. n.

♂. Head and thorax yellow-brown mixed with some whitish; palpi with the second and third joints black, with pale tips; vertex of head and thorax with black stripe; patagia with blackish streak near upper edge; abdomen fuscous brown, the ventral surface yellow-brown. Fore wing with the marginal areas yellowish mixed with whitish and irrorated and striated with yellow-brown, the rest of wing hyaline irrorated with a few dark scales, the veins brownish; black points in cell near base, at middle, and on discocellulars; small postmedial black spots on costa and inner margin and a series of slight streaks on the veins; a subterminal blackish shade from costa and a series of minute black streaks on termen in the interspaces. Hind wing hyaline; a black discoidal point; the apex and cilia tinged with ochreous brown.

*Hab.* PERU, Oconoque (*Ockenden*), 1 ♂ type. *Exp.* 38 mm.

1458 a. *Amastus fulvizonata*, sp. n.

♂. Palpi black with some white in front and scarlet at sides; frons white with oblique black bars above, the vertex of head and spots in front of antennæ fulvous yellow; antennæ black; tegulæ white at base with black medial line and fulvous tips; patagia white with sinuous fulvous fascia at middle defined by black; thorax rufous and yellow; pectus and legs brown and white, the coxæ crimson, the fore tibiæ with orange stripes above; abdomen crimson, with lateral series of triangular white and yellow patches defined by black, the ventral surface white with sublateral series of fulvous spots defined by black. Fore wing semihyaline white irrorated with black, the veins streaked with black and irrorated with yellow; a small yellow spot at base with white streak below it and a white streak above basal part of inner margin; an antemedial white bar from costa and oblique bar from inner margin; a medial white spot on

costa, slight mark on vein 2, and oblique bar on inner margin confluent with the antemedial bar; postmedial line represented by an angled white striga from costa and oblique series of slight marks on the veins and inner margin, with fulvous yellow marks beyond it on costa, veins, and inner margin; an irregular subterminal whitish patch on costal area and patches in the interspaces of terminal area; a series of small yellow wedge-shaped marks defined by black on the termen and cilia. Hind wing semihyaline white, the veins, base, and inner margins tinged with yellow; the underside with the costa tinged with brown.

♀. Fore wing less hyaline, more suffused with black and irrorated with yellow, the antemedial, medial, and postmedial white bands and the yellow postmedial band more complete. Hind wing with the termen and cilia brown, with series of small yellow spots from apex to vein 2.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 60, ♀ 70 mm.

1523 a. *Halisidota melanoproctis*, sp. n.

♀. Head white; palpi black; antennæ rufous; thorax rufous; abdomen white-sealed with rufous hair at base, the terminal segments and ventral surface black and without scales, the slight anal tuft white. Fore wing yellowish rufous, the interspaces hyaline except on terminal area, which is irrorated with black; a black discoidal point; an indistinct wavy yellowish subterminal line defined on inner side by slight diffused black sealing. Hind wing hyaline, the terminal area suffused with fulvous yellow; the underside with the costal area fulvous yellow.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 2 ♀ type. *Exp.* 56 mm.

1523 c. *Halisidota vitreata*, sp. n.

♂. Head and thorax bright rufous; palpi, antennæ, and legs dark brown; abdomen pale rufous, the terminal segments blackish. Fore wing hyaline, the margins rufous. Hind wing hyaline, the inner area reddish ochreous, the cilia rufous.

♀. Fore wing with the interspaces of basal half semihyaline, the terminal half and margins rufous slightly irrorated with dark scales. Hind wing pale reddish ochreous.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂, 1 ♀ type. *Exp.* 66 mm.

1559 b. *Emilia brunneipars*, sp. n.

♂. Head, thorax, and abdomen very dark brown, the vertex of head with a yellow spot; femora yellowish above. Fore wing ochreous brown thickly striated with dark brown; the costa and inner margin except at base dark brown; the terminal area obliquely from apex to lower angle of cell, and thence to inner margin beyond middle dark brown; an elliptical black-brown discoidal spot; cilia blackish at base, white at tips. Hind wing whitish tinged with brown, the terminal area suffused with brown; cilia white at tips; the underside with the costal area and terminal area to vein 3 tinged with ochreous and striated with brown.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 2 ♂ type. *Exp.* 44 mm.

1701 a. *Diacrisia rhodophilodes*, sp. n.

♂. Head and thorax white; palpi crimson, black at tips; sides of frons and antennæ black; neck with crimson ring and the tegulæ crimson below; fore femora crimson above, the tibiæ and tarsi black; mid and hind femoro-tibial joints and the tarsi black above; abdomen crimson, the base, anal tuft, and ventral surface white; a lateral series of black points. Fore wing white, thinly scaled; an antemedial black point in upper part of cell and two obliquely placed above inner margin; a black point in upper angle of cell; a postmedial series of black points, excurved from below costa to vein 4, then oblique, met at vein 5 by an oblique series of double minute black streaks on each side of veins from apex; minute subterminal black streaks on each side of veins 5, 4, 3. Hind wing white, thinly scaled; a small black spot at upper angle of cell and subterminal spots above vein 5 and between vein 2 and tornus.

♀. Palpi and neck without crimson; fore femora black above; abdomen white tinged with ochreous brown towards extremity and with subdorsal and sublateral series of black spots; fore wing with the postmedial series of spots obsolete towards costa.

*Hab.* FORMOSA, Kagi Distr., 4 ♂, 1 ♀ type. *Exp.*, ♂ 40, ♀ 46 mm.

1787 a. *Diacrisia neurographa*, sp. n.

♂. Head and thorax ochreous brown; palpi, antennæ, and shoulders black; thorax with dorsal black streak; legs black, the fore femora crimson above; abdomen crimson, the

ventral surface ochreous brown, dorsal and lateral black streaks and sublateral series of small spots. Fore wing ochreous suffused with reddish brown, the veins pale, the costal edge black; an antemedial series of short black streaks from costa to just below cell, where there is another short streak before it, an elongate spot above vein 1; wedge-shaped black spots in angles of cell, with streaks beyond them and streaks above them on costal area; a postmedial black mark on costa, divided into streaks by the pale veins, and an oblique series of spots on each side of the veins from beyond lower angle of cell to inner margin; an oblique series of minute streaks on each side of the veins from apex and a curved series on each side of veins 5 to 3 and spot on termen above tornus. Hind wing ochreous brown, the inner area tinged with crimson except on terminal area; a large black discoidal lunule; a curved postmedial series of small fuscous spots in the interspaces from costa to vein 2; an oblique series of minute spots on each side of the veins from apex, another subterminal series on veins 5 to 3, two large spots above tornus, and a streak in extremity of submedian fold; the underside with wedge-shaped black patch in base of cell.

♀. Head, thorax, and fore wing browner, the last with the markings reduced to a small antemedial spot above vein 1, a point at lower angle of cell, slight postmedial mark on each side of veins 2 and 1, and traces of the series from apex and the subterminal series. Hind wing brownish, with the crimson on inner area slight, the postmedial spots absent, also those towards apex and the subterminal series.

*Hab.* W. CHINA, Pu-tsu-fong, 4 ♂; FORMOSA, Kagi Distr., 3 ♂, 1 ♀ type. *Exp.*, ♂ 44-48, ♀ 56 mm.

1824 b. *Acantharctia latifasciata*, sp. n.

♂. Head and thorax ochreous, with a broad blackish fascia on vertex of head and thorax; palpi mostly black; antennæ black; legs streaked with blackish; abdomen fulvous yellow, with black segmental bands. Fore wing ochreous, with broad fuscous fasciæ from base through the cell to termen, in submedian interspace, and in interspaces of terminal area from costa to vein 2. Hind wing pale ochreous, with broad fuscous fasciæ from before middle through the cell to termen and in submedian interspace, and short fasciæ above extremities of veins 6, 3, 2.

♀. Hind wing with the fasciæ broader and more prominent and with fasciæ above extremity of vein 4 and on vein 1.

*Hab.* TRANSVAAL (C. H. Pead), 1 ♂, 1 ♀ type. *Exp.* 42 mm.

1833 a. *Amsacta flavicosta*, sp. n.

♂. Head and thorax white; palpi, upper part of frons, back of head, and tips of tegulæ yellow; antennæ with the branches black; femora yellow above, the fore and mid tibiæ and the tarsi streaked with black below; abdomen white, with subdorsal yellow stripes (except at base and extremity) and lateral series of black points. Fore wing white, the costal edge yellow; a black point at lower angle of cell. Hind wing semihyaline white.

*Hab.* SIERRA LEONE (*Dudgeon*), 1 ♂ type. *Exp.* 34 mm.

1852 b. *Hyphantria atripes*, sp. n.

♀. Head and thorax white; patagia with black spots at middle and two on outer edge; the femora yellow above, the fore and mid tibiæ striped with black, the tarsi blackish ringed with white; abdomen white, with subdorsal yellow bands (except at base and extremity) and lateral series of black points. Fore wing white, the costal edge yellowish; a black point in base of cell and obliquely placed subbasal points in and below cell; an antemedial series of black points angled outwards on median nervure and incurved below costa and cell; paired medial black points below costa, at middle, and vein 1, angled outwards at median nervure, then oblique; a black point at upper angle of cell and three at lower angle; a postmedial series of black points, bent outwards below costa, oblique to vein 4, and slightly incurved at discal fold, then oblique; a subterminal series of black points in pairs on each side of the veins; a terminal series of small black spots. Hind wing white; the underside with slight black discoidal point.

*Hab.* GOLD COAST, Volta R. (*Dudgeon*), 1 ♀ type. *Exp.* 40 mm.

## Genus PALEOMOLIS, nov.

Type, *P. purpurascens*.

Proboscis absent; palpi porrect, extending to just beyond the large frontal tuft of hair and fringed with long hair below; eyes large, round; antennæ of male ciliated; head and thorax clothed with long hair; tibiæ fringed with long hair, the hind tibia with two pairs of spurs; abdomen clothed with long hair. Fore wing with the apex rounded, the termen evenly curved; vein 3 from near angle of cell; 4, 5 from angle; 6 from upper angle; 7, 8, 9 stalked; 10, 11

from cell. Hind wing with vein 3 from near angle of cell; 5 from just above angle; 6, 7 from upper angle; 8 from middle of cell.

1972 a. *Palaemolis purpurascens*, sp. n.

♂. Head and thorax pale purple mixed with pinkish; palpi crimson; frons tinged with crimson; tegulae and patagia slightly edged with crimson above; pectus and legs crimson, the tibiae fringed with pale purple hair; abdomen pale crimson. Fore wing pale olive-yellow, the costal area (except at apex) and the medial area below the cell pale purple; the veins and costa streaked with crimson, the termen deeper yellow, the inner margin with a fine black streak on medial area; antemedial and medial fine black lines oblique from costa to median nervure, then inwardly oblique and sinuous; a fine black postmedial line, slightly excurved below costa and incurved at discal fold, oblique and slightly sinuous below vein 4; cilia whitish at tips. Hind wing yellowish white. Underside of fore wing yellow, with the costal area crimson; hind wing yellowish white, with the costal area yellow.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 2 ♂ type. *Exp.* 36 mm.

1990 a. *Seirarctia metawantha*, sp. n.

♂. Head and thorax buff slightly tinged with rufous; palpi crimson at base, black at tips; antennae black, except towards base above; patagia with black spot at base and crimson upper edge; pectus in front and legs crimson, the femoro-tibial joints black, the tibiae ringed with buff at extremities, the tarsi ringed with black; abdomen buff, with crimson hair at base, oblique black subdorsal patches, two small spots on anal segment, and sublateral series of small spots. Fore wing buff thickly striated with rufous, the costa to postmedial line and the submedian interspace to medial band slightly striated; a diffused antemedial rufous band, angled outwards on median nervure; a diffused curved medial band; a slight crimson discoidal lunule; a post-medial rufous line excurved at middle, then oblique. Hind wing pale orange-yellow, the inner area tinged with crimson; a black discoidal striga; a fine orange terminal line; the underside with the costal area tinged with crimson.

*Hab.* TRANSVAAL, White R. (*Cooke*), 1 ♂ type. *Exp.* 56 mm.

2020 g. *Hyponerita rhodocraspis*, sp. n.

Hind tibiæ of male dilated, the tibiæ and proximal joints of tarsi with thick tufts of hair and scales.

♂. Head yellow; palpi scarlet at sides; lower part of frons and points above eyes scarlet; antennæ brown, the shaft scarlet at base; thorax deep chocolate-brown, the prothorax with scarlet point; pectus and legs yellow, the fore tibia with scarlet streak on inner side; abdomen yellow, with dorsal series of crimson patches (except at extremity) and purple-brown patch near extremity. Fore wing purple-brown, with large yellow antemedial patch on costa extending to median nervure and two narrower patches towards apex, all defined by scarlet below; the terminal area with semi-elliptical patch from just below apex to tornus, defined by scarlet on inner side, indented at vein 6 by the purple-brown area being angled outwards; a rather triangular scarlet sub-basal patch on inner area, an oblique medial bar, and erect postmedial bar from submedian fold to inner margin. Hind wing yellow, the termen slightly tinged with scarlet from apex to just below vein 2; the underside with small brown patch at apex.

*Hab.* S.E. PERU, La Oroya (*Ockenden*), 1 ♂ type. *Exp.* 32 mm.

## GENUS STIDZÆRAS.

Type, *S. strigifera*, Druce.

Proboscis fully developed; palpi smoothly scaled, upturned, the second joint not reaching vertex of head; antennæ in both sexes with short branches ending in a bristle; hind tibiæ with two pairs of spurs; abdomen dorsally clothed with rough hair at base. Fore wing with vein 3 from long before angle of cell; 4, 5 from angle; 6 from upper angle; 9 from 10 anastomosing with 8 to form a long areole; 11 from cell; male with the cell filled by a semihyaline brand, veins 4, 5 stalked, the end of cell very oblique, 6 from well below upper angle, the areole large and broad and vein 7 curved. Hind wing with vein 3 from before angle of cell; 4, 5 stalked; 6, 7 from upper angle; 8 from towards end of cell.

2049 a. *Proschaliphora albida*, sp. n.

♂. Head and thorax white, the head yellowish in front; antennæ yellow, with the basal joint black in front; pectus yellow; legs banded black and white; abdomen pale yellow,

with black bands. Fore wing silvery white; the costal edge orange; subbasal line represented by black strizæ from costa and cell; antemedial line black, erect, minutely and irregularly wavy; a black discoidal striga; postmedial line black, minutely wavy, slightly excurved below costa, somewhat oblique to lower angle of cell, then erect; a series of small black spots on apical part of costa and termen. Hind wing white; a small blackish discoidal spot and terminal series of small black spots from apex to vein 2; cilia slightly tinged with yellow. Underside of fore wing wholly suffused with black; hind wing with the discoidal spot prominent.

*Hab.* TRANSVAAL, Kranspruit (*Janse*), 1 ♂ type. *Exp.* 36 mm.

### Agaristidæ.

#### 158 a. *Tuerta insulica*, sp. n.

♂. Head and thorax chocolate-red mixed with white; palpi black, white at base and tips; frons white; antennæ brown; pectus white, yellow at sides; abdomen yellow, with the crests brown. Fore wing white, thickly irrorated with chocolate-red; subbasal line represented by a red striga from costa; antemedial line indistinct, red, oblique, irregular; orbicular and reniform represented by rather diffused red patches with silvery centres, the former rather elliptical, the latter somewhat quadrate, white patches between and beyond them; postmedial line absent; subterminal line represented by an obscure series of somewhat dentate chocolate marks, with some silver scales on them and some whitish beyond them; terminal area darker; cilia chocolate, with series of small white spots at base. Hind wing golden yellow, with a broad black-brown terminal band tinged with red, its inner edge excurved at middle; cilia white. Underside of fore wing with the basal half yellow, the terminal half red-brown, the white bars before and beyond reniform prominent.

*Hab.* TRINIDAD (*Kaye*), 1 ♂ type. *Exp.* 36 mm.

### Noctuidæ.

#### AGROTINÆ.

#### Genus METOPOPLACIS, nov.

Type, *M. olivata*.

Proboscis fully developed; palpi upturned, the second joint hardly reaching to middle of frons and moderately fringed

with hair in front, the third short; frons with large rounded prominence, with small roughened corneous disk at middle and corneous plate below it; eyes large, round; antennæ of female almost simple; thorax clothed with hair only and without crests; tibiæ slightly fringed with hair, the fore tibia short, with long curved claw on outer side and short claw and one spine on inner; abdomen with some rough hair at base, but without crests. Fore wing with the apex rounded, the termen somewhat excised from apex to vein 4 and not crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hind wing with veins 3, 4 from angle of cell; 5 obsolescent from middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

151 a. *Metopoplacis olivata*, sp. n.

♀. Head and thorax white tinged with ochreous; antennæ brownish; abdomen whitish, dorsally tinged with ochreous brown. Fore wing white; a broad diffused olive-green subbasal band, its outer edge excurred below the cell; a medial olive-green band, broad and diffused outwardly from costa to lower angle of cell, then narrow, its inner edge excised at median nervure and slightly angled outwards at vein 1, confluent with an olive-brown patch beyond the cell; a faint minutely dentate white postmedial line, incurved from costa to vein 4, where it is angled outwards, an olive-green patch beyond it on costal area extending to termen below apex, and another patch extending to termen between veins 4 and 3; cilia white, chequered with olive-green. Hind wing white, with some brown suffusion from below angle of cell to the broad diffused brown subterminal band, ending on termen above vein 1; the underside white, with diffused brown band from middle of costa to discal fold, and some brown irroration on terminal area from apex to submedian fold.

*Hab.* BRAZIL, Mato Grosso, Nivac (*Avila*), 1 ♀ type. *Exp.* 24 mm.

173 a. *Timora diarhoda*, sp. n.

♂. Head purplish pink in front, olive-yellow behind; tegulæ white at base, purplish pink behind; thorax white, with some dark scales; legs yellow, the fore legs suffused with pink; abdomen orange-yellow. Fore wing olive-yellow; the costa purplish pink with a white point before

middle and series on terminal half; a diffused purplish-pink fascia below costa, not reaching base and sometimes diffused to costa; a diffused pink fascia above inner margin from before middle to near tornus, with some white and black scales below it on inner margin; a large pink patch beyond lower angle of cell; a minute white point in middle of cell defined by pink scales; a pink discoidal spot with white points and striæ on it; a double postmedial series of white points excurved below costa, then oblique; a terminal series of black striæ, defined by white on inner side; cilia white, with some black and pink scales. Hind wing pure white; the underside with the costal area slightly tinged with ochreous and pink.

*Hab.* TRANSVAAL, Kraanspruit (*Janse*), 2 ♂ type. *Exp.* 22 mm.

259 a. *Porosagrotis peruviana*, sp. n.

♂. Head and thorax brown mixed with black and some grey; antennæ with white spot on outer side of basal joint; tegulæ with black medial line; tarsi black ringed with white; abdomen brown mixed with some whitish, especially on ventral surface, the anal tuft ochreous. Fore wing brown mixed with ochreous white; the veins and discal and submedian folds with slight dark streaks; a fine black streak in submedian fold to antemedial line; subbasal line black, from costa to submedian fold; antemedial line black, waved, angled inwards on median nervure and vein 1, and strongly outwards above inner margin; claviform large, defined by black; orbicular and reniform large, defined by black, the former produced on outer side; an oblique dark striga from costa to reniform and indistinct waved line from lower angle of cell to inner margin; postmedial line black, slightly bent outwards below costa, then dentate, excurved to vein 4, then incurved, some slight dark and pale points beyond it on costa; subterminal line formed by whitish dentate marks, defined on inner side by small dentate black marks between veins 6 and 1, somewhat excurved at vein 7 and middle; a terminal series of small black lunules; cilia with two slight brown lines through them. Hind wings white, the veins and inner margin tinged with brown, some light brown lunules on termen from apex to vein 2; cilia with a faint brown line near base from apex to vein 2; the underside with the costal area irrorated with brown, postmedial line represented by a blackish bar from costa and minute black streaks on the veins, some small black lunules on termen from apex to vein 2.

Ab. 1. Fore wing with black streak from claviform to postmedial line above submedian fold; hind wing wholly tinged with brown.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 2 ♂ type. *Exp.* 32 mm.

383 b. *Euxoa diplosticta*, sp. n.

♂. Head and thorax bright rufous mixed with grey, especially on head and tegulæ, the latter with double rufous line at middle; palpi black-brown except at tips; pectus and legs grey-white mixed with rufous; abdomen grey, tinged with brown and with small dorsal blackish spots on terminal segments. Fore wing bright rufous, the inner and terminal areas greyer, with slight blackish irroration; subbasal line slight, double, filled in with greyish, waved, from costa to submedian fold; antemedial line double, filled in with greyish, oblique, strongly angled inwards on vein 1 and excurved above inner margin; orbicular with pale annulus defined by rufous, small, oblique elliptical; reniform with its centre and outer edge faintly defined and with blackish spot in its lower part, obscured by the dark medial shade, which is oblique from costa to lower angle of cell, then obliquely incurved; postmedial line double, filled in with greyish, oblique from costa to vein 6, then dentate, and with double black points beyond it on the veins; subterminal line hardly traceable, curved, with a pair of small black spots above and below vein 5 and point above them; a series of black points just before termen. Hind wing greyish suffused with reddish brown; a terminal series of black points from apex to vein 2; cilia whitish; the underside grey, the costal area irrorated with brown, a black discoidal lunule, and irregularly waved postmedial line.

*Hab.* SANDWICH Is., Oahu, Waialua (*Perkins*), 1 ♂ type. *Exp.* 36 mm.

568 b. *Euxoa albiorbis*, sp. n.

♀. Head and thorax rufous, the tips of tegulæ, upper edge of patagia, and vertex of thorax dark brown; tegulæ with black medial line; palpi black, except at tips; pectus and legs blackish, the tarsi ringed with white; abdomen greyish ochreous irrorated with dark brown. Fore wing rufous suffused with blackish to postmedial line, on costal area to apex, and on terminal area; subbasal line double, filled in with rufous, waved, from costa to submedian fold; antemedial line double, filled in with rufous, excurved from

costa to submedian fold, angled inwards on vein 1, and bent outwards above inner margin; claviform defined by black, acute at extremity; orbicular white, defined by black, small, round; reniform fuscous, defined by black, with whitish annulus on inner side only; postmedial line indistinct, pale, bent outwards below costa, then with double series of black points beyond it on the veins, slightly incurved at discal fold, and closely approximated to the reniform; incurved below vein 4 and slightly excurved at vein 1, some whitish points beyond it on costa; subterminal line defined by brown suffusion on inner side, excurved below vein 7 and at middle; a fine terminal black line; cilia bright rufous, with two black points towards apex. Hind wing whitish suffused with brown, especially on terminal area; a fine dark terminal line; cilia whitish, with a brown line through them from apex to vein 2; the underside whitish, the costal area irrorated with brown, the terminal area suffused with brown, a blackish discoidal spot, and sinuous postmedial line, with dark points at the veins.

*Hab.* MASHONALAND, Salisbury (*Marshall*), 1 ♀ type.  
*Exp.* 24 mm.

716 a. *Agrotis formosensis*, sp. n.

♂. Head and thorax rufous; palpi black, the second joint white at tip; frons whitish; antennæ blackish; tegulæ with black band at base; tibiæ and tarsi blackish ringed with white; abdomen whitish tinged with rufous. Fore wing whitish, suffused with rufous and irrorated with black; subbasal line represented by double black striae from costa and cell; antemedial line double, slightly angled outwards below costa, then oblique, sinuous, strongly excurved above inner margin, a black patch before it below the cell; claviform whitish defined by black; orbicular and reniform with whitish annuli defined by black, the former round, the cell before and between them black; medial line blackish, oblique to reniform and sinuous from lower angle of cell to inner margin; postmedial line double, bent outwards below costa, then minutely waved, incurved below vein 4, the costa beyond it blackish, with some whitish points on it; subterminal line pale, defined on inner side by a blackish shade towards costa, slightly excurved below vein 7 and at middle; a terminal series of black points; cilia with a pale line at base. Hind wing whitish tinged with brown, especially towards termen; a dark discoidal striga; cilia reddish, with a pale line at base; the underside whitish, the costal area tinged

with rufous and irrorated with brown, a blackish discoidal lunule, and sinuous postmedial line.

*Hab.* FORMOSA, Kagi Distr., 2 ♂ type. *Exp.* 30 mm.

815 a. *Episilia trifasciata*, sp. n.

♂. Head and front of thorax red-brown mixed with some whitish, palpi red brown, whitish at tips; sides of frons whitish; hinder part of thorax violaceous whitish, the patagia edged with black; tibiæ streaked with black; abdomen brown, mixed with whitish and dorsally suffused with fuscous except at base. Fore wing violaceous white, tinged in parts with brown and irrorated with black, the veins white defined by slight brown streaks; a black streak below base of cell; a black streak above median nervure and vein 4 from before middle to near termen, another below subcostal nervure and vein 7, and a brownish streak above vein 1; the lines and stigmata absent; a terminal series of prominent black points; cilia with a slight brown line near base and more prominent line near tips. Hind wing whitish, suffused with fuscous brown; some slight black points on termen from apex to vein 3; cilia whitish, with a faint brown line near base; the underside whitish tinged with fuscous, the costal area tinged with ochreous and irrorated with black, a terminal series of black points.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂ type. *Exp.* 34 mm.

971 a. *Lycophotia melanephra*, sp. n.

Head and thorax pale blue-grey with a few dark scales; palpi black, white at tips; fore and mid tibiæ red-brown, the hind tibiæ irrorated with black, the tarsi black ringed with whitish; abdomen grey-white. Fore wing pale blue-grey irrorated with a few black and rufous scales; a rufous striga from costa near base, followed by the black subbasal line from costa to submedian fold; antemedial line slight, double, rufous, with two black spots at costa, slightly angled outwards below costa, then very minutely waved; orbicular small, round, whitish, slightly defined by rufous; reniform large, deep black, with slight whitish and rufous annulus; medial line rufous, with small black spot at costa, oblique to reniform, then inwardly oblique; postmedial line slight, double, rufous, with two small black spots at costa, bent outwards below costa, then minutely dentate and produced to black points on the veins, incurved below vein 4; subterminal line indistinct, whitish, defined on inner side by a blackish patch

at costa, then by slight rufous marks, and with some rufous suffusion beyond it, excurved below vein 7 and at middle; a terminal series of minute black lunules. Hind wing pure white; the underside with the costa irrorated with a few black scales.

*Hab.* TRANSVAAL, White R. (*Cooke*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 34, ♀ 38 mm.

971 *b.* *Lycophotia macrostigma*, sp. n.

♂. Head and thorax dark red-brown mixed with a few white and black scales; palpi blackish, rufous at tips; tegulæ with black medial line; tarsi black ringed with white; abdomen whitish suffused with brown, especially on dorsum. Fore wing dark purplish red-brown, sparsely striated with black on basal and terminal areas; subbasal line double, black, minutely waved, from costa to vein 1; antemedial line double, black, minutely waved, almost obsolete below the cell; claviform represented by a slight black streak on its upper edge; orbicular and reniform large, defined by black, the former round, incomplete above, with black point in centre, the latter with its centre slightly defined by black; postmedial line represented by double black striæ from costa, then by a double series of points on the veins, bent outwards below costa, excurved to vein 4, then oblique, some white points beyond it on costa; subterminal line represented by a diffused dark patch on costa, then by diffused blackish spots; a terminal series of small black lunules; cilia with a fine white line at base. Hind wing white, the veins and inner margin tinged with brown; a brown terminal line; cilia with a slight brown line through them; the underside with the costal area irrorated with black, a small discoidal spot, postmedial series of points on the veins, and terminal series of striæ.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂ type. *Exp.* 38 mm.

1055 *a.* *Mythimna sinensis*, sp. n.

♀. Head, thorax, and abdomen dark brown tinged with grey. Fore wing dark brown, tinged with grey and slightly irrorated with white; antemedial line indistinct, blackish, slightly waved, oblique from costa to median nervure; orbicular hardly traceable, round; claviform and reniform obsolete; a faint dark medial shade oblique from costa to lower angle of cell, then inwardly oblique; a minute white point just beyond lower angle of cell; postmedial line indistinct,

blackish, strongly bent outwards below costa, then dentate and produced to black points on the veins, oblique below vein 4, some white points beyond it on costa; subterminal line represented by a series of faint dentate brown marks, somewhat excurved below vein 7 and at middle. Hind wing dark greyish brown, the cilia whitish at tips; the underside irrorated with white, a curved blackish postmedial line.

*Hab.* W. CHINA, Chin-fu-san (*Maw*), 1 ♀ type. *Exp.* 60 mm.

#### HADENINÆ.

##### 1129 a. *Trichestra serrata*, sp. n.

Antennæ of male strongly serrate.

♂. Head and thorax reddish brown mixed with white and some black; palpi and frons blackish; tibiæ and tarsi blackish ringed with white; abdomen dark brown mixed with white, whitish at sides towards base. Fore wing rufous mixed with grey and irrorated with black, the terminal area greyer, the veins slightly streaked with white; subbasal line double, black, from costa to vein 1; antemedial line double, filled in with whitish, oblique, waved; claviform moderate, defined by black; orbicular white, defined by black, small, rounded; reniform with white annulus, defined by black, somewhat angled inwards on median nervure; postmedial line black, bent outwards below costa, then dentate, and with white and black points beyond it on the veins, incurved below vein 4, some white points beyond it on costa; subterminal line white, excurved below vein 7 and at middle; a terminal series of black striæ, with white points between them. Hind wing white tinged with brown, especially on apical area; an indistinct dark discoidal point and curved postmedial line; a terminal series of black striæ; cilia with a blackish line through them; the underside white, the costal area irrorated with rufous and blackish, a blackish discoidal spot, somewhat dentate postmedial line, and terminal series of lunules.

*Hab.* KASHMIR, 1 ♂ type. *Exp.* 26 mm.

##### 1130 a. *Trichestra renipuncta*, sp. n.

♂. Head and thorax dark brown slightly mixed with grey; tegulæ with slight dark medial line; pectus greyer; tarsi ringed with white; abdomen grey-brown. Fore wing grey-brown slightly tinged with rufous and irrorated with fuscous; subbasal line represented by slight dark striæ from

costa and cell; antemedial line double filled in with greyish, slightly angled outwards below costa, then waved; claviform small, slightly defined by black; orbicular and reniform defined by black, the former oblique elliptical, the latter with whitish line on inner edge and white spot with one point above it and two below it on outer; an indistinct sinuous dark line from lower angle of cell to inner margin; postmedial line double, the outer line indistinct and with series of dark points on it, a white point at costa, bent outwards below costa, slightly incurved at discal fold and incurved below vein 4, some white points beyond it on costa; subterminal line greyish, defined on each side by slight black marks, angled outwards at vein 7 and slightly excurved at middle; the terminal area rather darker, with white points at the extremities of the veins. Hind wing whitish suffused with brown, the terminal area darker; cilia ochreous white mixed with brown and with dark line through them; the underside white irrorated with black, the costal and terminal areas suffused with brown, a small black discoidal spot, and rather diffused sinuous postmedial line.

*Hab.* S.E. PERU, Limbaui (*Ockenden*), 2 ♂ type. *Exp.* 22-28 mm.

1131 c. *Trichestra melanochra*, sp. n.

Head and thorax ochreous mixed with fuscous; palpi black; frons with lateral black bars; antennæ black; tegulæ with black patch at tips; pectus and legs fuscous mixed with grey, the tarsi black ringed with ochreous white; abdomen fuscous mixed with grey, the crests black tipped with white, the anal tuft and ventral surface ochreous white. Fore wing black, the antemedial area from below costa to vein 1 and the postmedial area except at costa ochreous white tinged with rufous; subbasal line double, black filled in with ochreous white, expanding into a spot below costa and ending at vein 1; antemedial line double, black filled in with white, waved; claviform deep black; orbicular and reniform ochreous white, defined by black, the former with rufous centre, small, oblique elliptical, the latter with its centre defined by some black scales; traces of a waved medial line; postmedial line double filled in with ochreous white, the outer line indistinct, bent outwards below costa, slightly incurved at discal fold, touching lower extremity of reniform, then oblique and slightly waved; some whitish points beyond it on costa; subterminal line ochreous white, slightly incurved below costa, then minutely waved; a terminal

series of small black lunules; cilia black at base, chequered black and white at tips. Hind wing whitish suffused with fuscous brown, the basal area paler; traces of a discoidal lunule and sinuous postmedial line; cilia black at base, white at tips; the underside whitish irrorated with black, the costal area suffused with fuscous; a black discoidal spot, rather diffused, minutely waved, postmedial line, and terminal series of small lunules.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂ type, Oconeque. *Exp.* 30 mm.

1131 d. *Trichestra goniophora*, sp. n.

Fore wing with the termen excised from apex to vein 4, where it is angled, then oblique.

Head and thorax ochreous white mixed with pale greenish and some black scales; palpi black at sides, except third joint; antennæ blackish; tarsi black ringed with ochreous; abdomen ochreous, the crests tipped with black. Fore wing ochreous white tinged in parts with pale green and rufous and slightly irrorated with black; subbasal line black defined by white on outer side, waved, from costa to vein 1, some black suffusion beyond it below costa and from cell to inner margin; antemedial line double, blackish filled in with white, waved, angled inwards in cell and on vein 1; orbicular and reniform pure white defined by black, the former small, oblique, irregular, the latter a rather narrow bar angled inwards on median nervure; medial line indistinct, oblique from costa to reniform, inwardly oblique from lower angle of cell to inner margin; postmedial line rather diffused, brown, with double white bar at costa and white mark at inner margin, strongly bent outwards below costa and incurved below vein 4, some white points beyond it on costa; subterminal line white, angled outwards at vein 7 and inwards at discal fold, then outwards to termen at vein 4, then closely approximated to termen, on which it terminates at submedian fold, the area beyond it suffused with black; cilia ochreous suffused with rufous and with some black points at tips. Hind wing ochreous white, the veins irrorated with brown, the terminal area suffused with brown, narrowing to tornus; cilia tinged with rufous; the underside with the costal area sparsely irrorated with large black scales, a black discoidal lunule, and minutely waved postmedial line from costa to vein 3.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂ type, Oconeque, S. Domingo, La Oroya, Limbani. *Exp.* 30 mm.

1208 e. *Elusa ustula*, sp. n.

Head and thorax rufous tinged with whitish; antennal vesicle of male dark brown; pectus and legs dark brown, the tarsi with slight pale rings; hind tibiæ with the fringe of hair tinged with purplish red; abdomen rufous, dorsally tinged with dark brown. Fore wing glossy rufous with some dark brown irroration, especially on basal area and costal half of medial area; an indistinct subbasal line, defined by pale rufous on outer side, from costa to submedian fold; antemedial line double, filled in with pale rufous, waved, erect; orbicular represented by a faint minute pale spot defined by dark brown; reniform with brownish centre and very indistinct pale annulus constricted at middle; an indistinct slightly waved medial line; postmedial line indistinct, bent outwards below costa, then minutely waved, strongly incurved below vein 3, and bent outwards at vein 1; subterminal line represented by a series of small ill-defined dark spots with some whitish scales on their outer edge; a terminal series of dark striæ with slight whitish points at the veins; cilia red-brown with a fine whitish line at base. Hind wing pale glossy red-brown; cilia whitish with a slight brown line near base; the underside whitish suffused with red-brown.

*Hab.* MALAY PEN., Kuala Lumpur (*Durham*), 2 ♂ type, Sungkei (*Robinson*), 1 ♂, Patani (*Robinson*), 1 ♀; SINGAPORE (*Ridley*), 1 ♂, 1 ♀; BORNEO, Sarawak (*Wallace*), 1 ♂, 3 ♀; JAVA, Arjuno (*Doherty*), 1 ♂. *Exp.* 18-22 mm.

1208 h. *Elusa mediorufa*, sp. n.

♂. Head and thorax rufous tinged with whitish; tarsi ringed with white; abdomen greyish suffused with brown, the anal tuft ochreous. Fore wing glossy greyish irrorated with rufous, the antemedial area bright rufous from costa to submedian fold, the costa rufous; traces of a curved rufous antemedial line; a rufous medial line oblique below the cell; orbicular absent; reniform represented by two minute brown spots faintly defined by whitish; postmedial line rufous slightly defined by whitish on outer side, bent outwards below costa, then minutely dentate, oblique and incurved between veins 3 and 1, some whitish points beyond it on costa; subterminal line very indistinct, pale, slightly defined by rufous on inner side, incurved at discal and submedian folds and excurved to termen at middle, some whitish beyond it at apex and rufous at discal and submedian folds;

a terminal series of rufous striæ with minute white points at the veins; cilia rufous with dark tips. Hind wing pale, glossy, suffused with pale red-brown; cilia whitish at tips; the underside whitish tinged with red-brown, a slight dark discoidal lunule.

*Hab.* BORNEO, Sarawak (*Wallace*), 1 ♂ type. *Exp.* 20 mm.

1208 o. *Elusa diloba*, sp. n.

♂. Head and thorax whitish slightly tinged with rufous; antennæ red-brown; abdomen whitish tinged with rufous, the anal tuft ochreous. Fore wing glossy red-brown mixed with whitish, the base whitish; an indistinct waved antemedial line defined on inner side by whitish suffusion; orbicular represented by a white point; reniform with brown centre and white annulus defined by dark brown, strongly constricted at middle, the lower part larger; postmedial line defined by whitish on outer side, slightly bent outwards below costa, then waved, incurved below vein 4, and bent outwards at vein 1, some whitish points beyond it on costa; a very indistinct pale subterminal line defined on inner side by obscure diffused brown spots, slightly excurved below vein 7 and at middle, and ending at tornus; a terminal series of slight brown striæ with white points at the veins. Hind wing pale glossy red-brown, the base whitish; cilia with a faint brown line near base and whitish tips; the underside whitish tinged with brown, a slight brown discoidal lunule and indistinct diffused postmedial line.

*Hab.* BORNEO, Sandakan (*Pryer*), 1 ♂ type. *Exp.* 20 mm.

1313 a. *Miselia congener*, sp. n.

Head and thorax black mixed with white; tegulæ with slight dark medial line; pectus whitish mixed with brown; tarsi blackish ringed with white; abdomen brownish white, the dorsal crests blackish, the anal tuft tinged with rufous. Fore wing grey suffused in parts with brown and irrorated with black; subbasal line represented by double black bars from costa and cell filled in with white; antemedial line double, black filled in with white, oblique, waved, angled inwards on vein 1; claviform moderate, defined by black; orbicular and reniform with white annuli defined by black, the former round, the latter with whitish centre and rather irregular outer edge; an indistinct waved blackish medial line, oblique below the cell; postmedial line double, black

filled in with white, bent outwards below costa, then lunulate, incurved below vein 4, some white points beyond it on costa; subterminal line represented by a curved series of white spots on black marks, bent outwards to tornus; a terminal series of small black lunules; cilia white tinged with ochreous, a series of black striae at middle and black marks at tips. Hind wing white; the veins, base, and inner margin brownish; the termen tinged with brown, with a fine dark terminal line; cilia white with a brown line near base; the underside with the costal area irrorated with black, a black discoidal spot, and terminal series of lunules.

Ab. 1. Fore wing with some orange on inner half of basal area and before subterminal line.

Ab. 2. Fore wing with the orbicular and reniform filled in with white, the postmedial area white except towards costa.

Hab. S. E. PERU, Agualani (*Ockenden*), 4 ♂, 3 ♀ type.  
Exp. 34-38 mm.

1373 b. *Miselia olivochroa*, sp. n.

♀. Head and thorax olive-green mixed with some whitish; palpi yellow at tips; tegulae yellowish at base and tips and with dark medial line; patagia with yellowish bars near base and yellowish tips; pectus and legs yellowish mixed with red-brown, the tarsi brown ringed with yellow; abdomen yellowish tinged with brown. Fore wing olive-green; a yellowish patch at base of costa and black point at base of cell; subbasal line double, black filled in with yellowish white, waved, from costa to vein 1; antemedial line black defined by yellowish on inner side, double at costa, oblique, slightly sinuous, bent inwards to inner margin; claviform defined by black at extremity, with a minute wedge-shaped white spot beyond it; orbicular and reniform olive-green defined at sides by black and whitish, the former oblique, the latter constricted at middle and angled inwards to the former on median nervure; postmedial line black defined on outer side by yellowish, double at costa, bent outwards below costa, then minutely waved, excurved to vein 4, then oblique, the costa beyond it black with some whitish points on it; subterminal line represented by a series of white striae on dentate black marks, interrupted below veins 7 and 4; a terminal series of small black lunules; cilia pale yellow, with a series of blackish points at base. Hind wing pale yellowish tinged with brown; cilia yellowish white with a series of small brown spots; the underside yellowish white irrorated with

brown, a slight dark streak in middle of cell, discoidal lunule, indistinct curved postmedial line, and some slight lunules on termen.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♀ type. *Exp.* 36 mm.

1426 c. *Hadena eugrapha*, sp. n.

♂. Head and thorax rufous mixed with some whitish and black; antennæ whitish at base; tegulæ with two whitish medial lines and whitish tips; patagia with yellowish-white fascia near upper edge defined above by a black line; tarsi ringed with white; abdomen dark brown mixed with grey, the anal tuft and ventral surface pale rufous. Fore wing rufous mixed with some grey and slightly irrorated with black, the median nervure streaked with yellowish white, continued as an oblique streak below vein 3 to subterminal line; subbasal line represented by double black striæ filled in with white from costa and cell, the former angled outwards below costa; antemedial line double filled in with whitish, oblique from costa to submedian fold, a curved yellowish streak before it above inner margin; claviform represented by an oblique white streak above its extremity; orbicular and reniform with yellowish-white annuli, the former oblique elliptical, the latter angled inwards to the former on median nervure; postmedial line double filled in with whitish, oblique from costa to vein 6, then inwardly oblique and dentate, met at vein 6 by an oblique grey fascia from apex, continued along its outer edge to inner margin, some white points beyond it on costa; subterminal line represented by a series of yellowish-white striæ defined on inner side by dentate blackish marks and on outer by blackish spots, incurved below vein 3; a fine waved black terminal line; cilia whitish with waved black line through them and blackish tips. Hind wing white, the termen tinged with brown; cilia with a brownish line through them; the underside with the costal area irrorated with black, a black discoidal spot.

*Hab.* S.E. PERU, Limbani (*Ockenden*), 1 ♂ type. *Exp.* 36 mm.

1426 d. *Hadena mesotoma*, sp. n.

Head and thorax dark red-brown mixed with white; frons with lateral black bars; tegulæ with blackish lines at middle and tips; patagia with curved white fasciæ; tarsi fuscous brown ringed with whitish; abdomen dark brown mixed with grey, the anal tuft and ventral surface rufous.

Fore wing dark red-brown, mixed with grey except on medial area from subcostal nervure to inner margin, on which there is a rufous streak; the median nervure and bases of veins 4, 3 streaked with white; subbasal line represented by double black striæ filled in with white from costa and median nervure; some black on inner margin before the antemedial line, which is double filled in with white, angled outwards below costa, bent inwards to median nervure, then oblique to above inner margin, to which it is strongly bent inwards; orbicular and reniform with rufous centres and incomplete whitish annuli defined by black, the former small, oblique quadrate, the latter narrow, constricted at middle and at lower extremity angled outwards to beyond lower angle of cell and strongly inwards on median nervure; postmedial line double, black filled in with whitish, bent outwards below costa and oblique below vein 5, where it is met by a whitish oblique band from apex, which then follows its outer edge, some white points beyond it on costa; subterminal line represented by an oblique whitish striga from costa near apex, then by a series of dentate black marks with white points or striæ in centres; the termen greyish; a fine black terminal line; cilia rufous, with a black line through them. Hind wing whitish tinged with brown, the veins, terminal and inner areas suffused with brown; cilia pale rufous with a blackish line through them; the underside whitish, the costal and terminal areas tinged with purplish red and irrorated with black, a small black discoidal spot, and curved postmedial line.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂, 1 ♀ type, Limbani (*Ockenden*), 2 ♂. *Exp.* 28 mm.

1431 c. *Hadena clavifera*, sp. n.

Head and thorax black mixed with grey-white; frons with lateral black bars; teguke with black lines at middle and tips; patagia whitish with curved black streak; tarsi black ringed with white; abdomen fuscous mixed with grey, the basal crest whitish. Fore wing black-brown mixed with grey, the veins defined by slight greyish streaks; subbasal line represented by double black striæ from costa and cell filled in with whitish; antemedial line double, black filled in with whitish, angled outwards below costa and slightly inwards on median nervure, then oblique to above inner margin, where it is curved round to below subbasal line; claviform slightly defined by black and with oblique white bar at extremity; orbicular and reniform with greyish centres

and whitish annuli, defined by black, the former rather oblique elliptical, the latter angled inwards on median nervure to near former; postmedial line double, black filled in with white, bent outwards below costa, excurved to vein 4, then oblique, sinuous, and angled inwards on vein 1, some whitish points beyond it on costa; subterminal line white defined on inner side by dentate black marks and with slight black marks on outer, formed of striæ to vein 4, a small V-shaped mark below vein 4, and an oblique line below vein 3; a terminal series of small blackish lunules; cilia greyish, with black line near base, intersected by short white streaks and black tips. Hind wing white, the veins, inner margin, and termen tinged with brown; a discoidal point; a black terminal line; cilia brown at base, white at tips; the underside with the costal and terminal areas and veins irrorated with black, the costal area bluish white, a black discoidal spot.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 2 ♂ type. *Exp.* 36 mm.

1518 a. *Chabuata crenilinea*, sp. n.

♂. Head and thorax purplish red slightly mixed with grey; palpi fuscous brown at sides; tarsi fuscous brown slightly ringed with greyish; abdomen fuscous brown, the basal crest, anal tuft, and ventral surface purplish. Fore wing purplish red, tinged with dark brown on costal area; a blackish subbasal point on median nervure; antemedial line represented by black points from below cell to inner margin, the point in submedian fold further from base; orbicular represented by a white point in upper part of cell, the reniform by white points in the angles of cell, and a faint dark mark at lower angle, with two minute whitish points on its outer edge; postmedial line blackish, dentate and produced to black points on the veins, excurved from costa to vein 4, then oblique, some pinkish points beyond it on costa; subterminal line represented by a series of slight blackish marks in the interspaces and a diffused patch above and below vein 5, somewhat excurved below vein 7; a terminal series of black points; cilia with a slight pale line at base. Hind wing fuscous brown, the interspaces of basal half pale; cilia whitish tinged with purplish red; the underside whitish irrorated with black, the costal area tinged with purple, a black streak in base of cell, discoidal spot, sinuous postmedial line with minute black streaks on the veins, and terminal series of rather triangular points.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂ type. *Exp.* 48 mm.

1610 a. *Eriopyga perrubra*, sp. n.

♀. Head and thorax fiery red, tinged with brown and irrorated with a few white scales; antennæ with the basal half white ringed with brown; tarsi black ringed with white; abdomen pale brown, tinged with red at base, extremity, and on ventral surface. Fore wing fiery red, the costal area and cell suffused with brown, irrorated with a few white scales; subbasal line formed of white scales, waved, from costa to submedian fold, a white striga beyond it in cell; antemedial line indistinct, double, brown defined on inner side by white scales on costal half, slightly angled outwards below costa, then sinuous; orbicular with white annulus defined by dark brown, small, round; reniform dark brown with white annulus and white line in centre, slightly angled inwards on median nervure; a diffused oblique dark line from lower angle of cell to inner margin; postmedial line indistinct, double, brown filled in with some white scales and with white point at costa, bent outwards below costa, then minutely dentate, excurved to vein 4, then incurved, some white points beyond it on costa; subterminal line formed of small white lunules defined by brown, somewhat excurved below vein 7 and at middle; a terminal series of white points; a fine white line at base of cilia. Hind wing whitish suffused with brown, the basal area paler; cilia tinged with fiery red; the underside whitish tinged with brown, the costal area suffused with rufous, a slight discoidal point, and postmedial line from costa to vein 5.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♀ type. *Exp.* 44 mm.

1633 a. *Eriopyga glaucopis*, sp. n.

Head and thorax bright red-brown; antennæ with slight pale rings towards base; tarsi dark brown ringed with white; abdomen reddish brown, the anal tuft and ventral surface rufous. Fore wing bright red-brown; antemedial line brown defined by greyish on inner side, oblique, waved; orbicular and reniform with olive-brown centres and greyish annuli defined by blackish, the former irregularly rounded; a slight diffused dark medial shade; postmedial line blackish, oblique from costa to vein 6, then dentate, incurved below vein 4, some slight pale points beyond it on costa; subterminal line grey-white defined on each side by blackish, obsolescent towards costa, slightly angled outwards at vein 7 and incurved below vein 3; cilia with a slight pale line at base. Hind wing red-brown with a greyish tinge; cilia pale

rufous; the underside whitish tinged with rufous and irrorated with fuscous, a blackish discoidal lunule, and rather diffused postmedial line from costa to vein 2.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂, 2 ♀ type.  
*Exp.* 28 mm.

1641 a. *Eriopyga erythropis*, sp. n.

Head and thorax dark reddish brown tinged with greyish; palpi, pectus, and legs dark grey-brown, the tarsi ringed with white; abdomen fuscous brown, whitish at base. Fore wing deep red-brown with slight dark irroration, the costal area with some greyish irroration, the veins with slight dark streaks, the discal and submedian folds with deep red suffusion; subbasal line represented by faint double oblique striæ from costa; antemedial line double, wavy, angled outwards above inner margin; orbicular and reniform indistinct, deep red defined by a few black scales, the former small, round, the latter with its lower part filled in with black, and white point at lower extremity; traces of a diffused curved medial shade; postmedial line black, double towards costa, bent outwards below costa, then dentate and produced to black points on the veins, excurved to vein 4, then oblique, some slight pale points beyond it on costa; subterminal line represented by a series of faint reddish marks in the interspaces, with more distinct spot above tornus; a fine wavy black terminal line; cilia black-brown with a fine whitish line at base. Hind wing white, the veins, inner and terminal areas suffused with dark brown; a slight discoidal spot and fine blackish postmedial line; cilia brownish with white line at base; the underside white, the costal and terminal areas irrorated with blackish, a blackish discoidal spot, and sinuous postmedial line with minute dark streaks on the veins.

*Hab.* S.E. PERU, Limbani (*Ockenden*), 1 ♂, 2 ♀ type, Puno. *Exp.* 34 mm.

1646 a. *Eriopyga flavirufa*, sp. n.

♂. Head and thorax bright rufous mixed with some yellowish; palpi and frons dark brown at sides; pectus whitish mixed with rufous and dark brown; legs brown mixed with whitish, the tarsi ringed with whitish; abdomen brown with some whitish at base, the anal tuft and ventral surface rufous. Fore wing bright rufous mixed with yellowish and slightly irrorated with black, the inner half of medial area darker; subbasal line double, blackish, curved,

from costa to submedian fold; antemedial line double, blackish, wavy; claviform minute, faintly defined by blackish; orbicular and reniform yellowish tinged with rufous and slightly defined by blackish, the former round, the latter with its centre defined by rufous and with whitish annulus, a black spot in lower part; medial line black, excurved below costa and cell; postmedial line indistinctly double, bent outwards below costa, then dentate and produced to black points on the veins, excurved to vein 4, then incurved, some pale points beyond it on costa; subterminal line yellowish defined on inner side by minute dentate dark marks and by two more prominent blackish marks at discal fold, angled outwards at vein 7, excurved and wavy at middle, and with black streaks beyond it on veins 7 to 4; a terminal series of small black lunules; cilia blackish with yellow line at base expanding into spots at the veins. Hind wing ochreous white tinged with brown, especially on terminal area; cilia yellow tinged with rufous; the underside with the costal area tinged with rufous and irrorated with brown, a black discoidal point, curved postmedial line from costa to vein 4, and terminal series of points from apex to vein 4.

*Hab.* S.E. PERU, Agualani (*Ockenden*), 1 ♂ type. *Exp.* 42 mm.

1618 a. *Eriopyga melanosigma*, sp. n.

♀. Head and thorax dark reddish brown mixed with a few white hairs; palpi with the extremity of second joint ochreous; pectus and legs black-brown mixed with greyish, the tarsi black with ochreous white rings; abdomen grey-brown, whitish at base. Fore wing black-brown with a cupreous tinge and irrorated with grey-white: an indistinct wavy whitish subbasal line from costa to submedian fold; antemedial line black defined by whitish on inner side, angled outwards below costa, oblique to submedian fold and angled inwards on vein 1; orbicular and reniform large, black-brown defined by black, the former somewhat elongate elliptical; an oblique brown medial shade from lower angle of cell to inner margin; postmedial line black defined by white on outer side, bent outwards below costa, excurved to vein 4, then incurved, some white points beyond it on costa; subterminal line white towards costa and tornus, indistinct at middle, defined on inner side by a series of somewhat dentate black marks, angled outwards at vein 7, excurved at middle, and bent outwards to tornus; cilia with

a fine white line at base. Hind wing whitish tinged with brown, the veins and terminal area suffused with brown; a dark discoidal spot and indistinct postmedial line; cilia white, yellowish at base, and with a dark line through them from apex to vein 2; the underside white, the costal area dark brown irrorated with white, the terminal area irrorated with brown, a black discoidal lunule, waved postmedial line incurved at discal fold, and diffused subterminal line.

*Hab.* S.E. Peru, Limbani (*Ockenden*), 1 ♀ type, *Oconeque*.  
*Exp.* 34 mm.

1905 a. *Cirphis perstriata*, sp. n.

♂. Head and thorax ochreous white mixed with brown; frons with black bar above; tegulæ with fuscous line near base, black medial line, and diffused fuscous line near tips; prothoracic crest with two black lines; patagia with some black scales on upper edge; legs irrorated with black; abdomen ochreous white, dorsally suffused with reddish brown, ventrally irrorated with black. Fore wing ochreous white, the interspaces streaked with purplish brown and the veins defined by purplish-brown streaks, leaving the costal area paler; the median nervure with fine white streak, expanding into a slight angled mark at extremity, with a black point before it in the angle of cell; antemedial line represented by obliquely placed black points on costa, below median nervure, and in submedian fold; a postmedial series of black points bent outwards below costa and oblique below vein 4; an oblique pale fascia from apex to beyond lower angle of cell; a terminal series of black points; cilia with a fine pale line at base. Hind wing semihyaline white, the veins, termen, and inner margin tinged with fuscous brown; cilia ochreous white; the underside with the costal area tinged with ochreous and slightly irrorated with brown except at base, a terminal series of black points.

*Hab.* RODRIGUEZ, 1 ♂ type. *Exp.* 4.2 mm.

*CUCULLIANÆ.*

2064 a. *Copicucullia ruptifascia*, sp. n.

♂. Head and thorax grey mixed with white and brown; frons blackish; tegulæ with black medial line; abdomen grey irrorated with brown, the crests darker, the ventral surface whitish. Fore wing blue-grey mixed with white, the

veins with slight black streaks; a fine black streak slightly defined by white below basal half of cell; antemedial line represented by slight black streaks on subcostal and median nervures and a faint long tooth in submedian interspace; orbicular and reniform represented by faint yellowish marks, the former defined by black points, the latter with curved black streak below end of cell; a slight black streak beyond the cell above vein 6; a blackish streak on middle of inner margin; postmedial line obsolete; subterminal line very faint, whitish, except in submedian interspace, where it is represented by a white lunule interrupting the strong oblique black fascia from beyond middle to termen at vein 2, a slight black streak before it above vein 4; a terminal series of black striæ. Hind wing white, the veins and terminal area brown; cilia white; the underside with the costa irrorated with brown.

*Hab.* TRANSVAAL, White R. (Cooke), 1 ♂ type. *Exp.* 34 mm.

2122 a. *Cucullia atrimacula*, sp. n.

♂. Head and thorax bluish grey slightly mixed with brown, the head browner; palpi with some blackish at sides; tegulæ with black line near base and slight medial line; pectus white; legs grey mixed with blackish; abdomen grey tinged with ochreous, the basal crest blackish, the ventral surface white. Fore wing bluish grey slightly irrorated with blackish, especially on the veins, the end of cell tinged with ochreous; subbasal line represented by a very oblique black striga from costa, the antemedial line by some slight streaks on costal area and very oblique streaks from submedian fold to vein 1 and vein 1 to inner margin; orbicular represented by a slight black streak in lower part of cell, the reniform by a curved streak below end of cell; a short black streak beyond the cell above vein 6; postmedial line represented by a black striga from costa, then by very slight streaks on the veins beyond the cell, more distinct below vein 3, oblique to submedian fold, where it is angled inwards, angled outwards on vein 1; the postmedial area with slight black streaks above veins 6, 5, 4; subterminal line represented by some slight white streaks in the interspaces and a prominent black spot below vein 2 with some whitish suffusion round it; a terminal series of minute black lunules defined on inner side by whitish; cilia grey intersected with white. Hind wing white, the veins and a fine terminal line brown; the under-

side with the costa slightly irrorated with brown towards apex.

*Hab.* TRANSVAAL, White R. (Cooke), 1 ♂ type. *Exp.* 44 mm.

2123 a. *Cucullia tucumani*, sp. n.

♀. Head and thorax brown mixed with grey and black; pectus white; tarsi black ringed with white; abdomen white irrorated with brown and dorsally tinged with brown. Fore wing blue-grey thickly irrorated with brown, the costal area suffused with brown except at base; the veins with slight dark streaks; traces of an antemedial line from cell to inner margin, excurved at vein 1, where there are two black points on it, and with slight oblique dark streak before it above inner margin; orbicular and reniform represented by slight whitish marks with brown centres, the former elongate; an oblique brown line from lower angle of cell to inner margin; postmedial line indistinct, brown, bent outwards below costa, excurved to vein 4, then oblique and represented by double black points on the veins with white points between them; subterminal line represented by a series of slight dentate grey marks with brown marks before them and small blackish spots beyond them, and a diffused blackish patch before it between vein 4 and submedian fold; cilia brown and grey with two slight brown lines through them. Hind wing white with broad terminal black-brown band narrowing to tornus; cilia white with a slight brown line near base. Underside of fore wing white with some black irroration on costa and broad diffused dark band just before termen.

*Hab.* ARGENTINA, Tucuman, 1 ♀ type. *Exp.* 28 mm.

2460 a. *Dichonia chlorota*, sp. n.

♂. Head and thorax grey-white mixed with pale olive-brown and some black; palpi and antennæ blackish; tarsi blackish, with slight pale rings; abdomen grey suffused with brown, the crest on third segment tipped with black. Fore wing grey-white suffused with brown and pale olive-green and irrorated with black, the medial area somewhat darker; subbasal line black, waved, from costa to vein 1; antemedial line black, oblique, sinuous, angled outwards above inner margin, the area before it pale tinged with olive-green; claviform whitish defined by black except above; orbicular

and reniform with whitish annuli defined by black, the former round; postmedial line black, bent outwards below costa, then dentate, excurved to vein 4, then oblique, defined on outer side by grey tinged with olive-green, some white points beyond it on costa with slight dark streaks between them; subterminal line represented by a series of dentate brownish marks with dentate pale olive-green marks beyond them on termen; cilia brown with a series of whitish points at base. Hind wing greyish suffused with brown; an indistinct dark postmedial line; cilia with a series of whitish points at base; the underside grey-white irrorated with brown, a diffused brown discoidal spot and postmedial line.

*Hub.* KASHMIR, 1 ♂ type. *Exp.* 36 mm.

2474 a. *Meganephria araucanica*, sp. n.

♂. Head and thorax white mixed with brown and black; palpi blackish except at tips; frons with black bars at middle and above; tegulæ with black line near tips; pectus black-brown; tarsi black ringed with white; abdomen dark brown mixed with some white scales. Fore wing violaceous white suffused in parts with rufous, especially in and below cell on medial area and on terminal part of submedian interspace; a sinuous black streak below base of cell, extending to antemedial line, with some golden scales on it at middle and white streaks above it; subbasal line represented by double oblique black striæ from costa; antemedial line black defined by white on inner side, angled outwards below costa, then oblique sinuous; claviform large, defined by black; orbicular and reniform large, defined by black, the former round, the latter open above, very broad, expanding to below cell and with white patch in outer part; postmedial line black defined by white on outer side, double at costa, bent outwards below costa, then dentate and produced to black points on the veins, slightly incurved at discal fold, incurved below vein 4, some whitish points beyond it on costa and black streaks above and below submedian fold, the former sinuous and extending to termen; subterminal line white slightly defined on each side by rufous, dentate to termen at veins 4, 3, 2, and angled inwards in submedian fold; the veins beyond it and the interspaces below veins 4, 3, 2 with black streaks; cilia white with rufous lunules at base and tips. Hind wing ochreous white irrorated with brown, a large brown discoidal spot, minutely waved postmedial line, diffused dentate subterminal and terminal bands from apex to vein 2, and spot

above tornus; cilia white mixed with brown at base; the underside white irrorated with brown, the base suffused with brown, a large black discoidal spot, waved postmedial line oblique to vein 5, then sinuous, the veins of terminal area with dark streaks, a terminal series of slight black lunules.

*Hab.* S. CHILI, Araucania (*Middleton*), 1 ♂ type. *Exp.* 46 mm.

2530 a. *Xylinissa pulverea*, sp. n.

Antennæ of male simple, laminate.

♂. Head and thorax fuscous mixed with grey; tarsi ringed with whitish; abdomen fuscous mixed with ochreous grey, the anal tuft more ochreous. Fore wing grey thickly irrorated and suffused with fuscous; a slight black streak below base of cell; subbasal line represented by an oblique black striga from costa; antemedial line indistinct, double, waved, oblique; vein 1 streaked with black on medial area; claviform represented by some yellow and black scales; orbicular and reniform large, very incompletely and indistinctly defined by black and with some yellow scales on their edges, the former oblique elliptical, the latter somewhat constricted at middle and extending to well below cell; medial line represented by an oblique dark striga from costa; postmedial line very indistinct, with some dark points on the veins, bent outwards below costa, excurved to vein 4, then very oblique to submedian fold and excurved at vein 1, some slight pale points beyond it on costa; subterminal line represented by blackish marks below costa, above and below vein 5, and in submedian fold, with black streak from it to termen below vein 2; a terminal series of small black lunules; cilia grey mixed with fuscous, a slight dark line near base. Hind wing white, a small black discoidal spot; veins 7, 6 with dark streaks; a dark terminal line and some points on cilia from apex to submedian fold; the underside with the costal area irrorated with brown, a postmedial series of minute dark streaks on the veins.

♀. Fore wing much more variegated with white and black and without the yellow scales on the stigmata.

*Hab.* PERU, Limbani (*Ockenden*), 1 ♂, 2 ♀ type. *Exp.*, ♂ 36, ♀ 38 mm.